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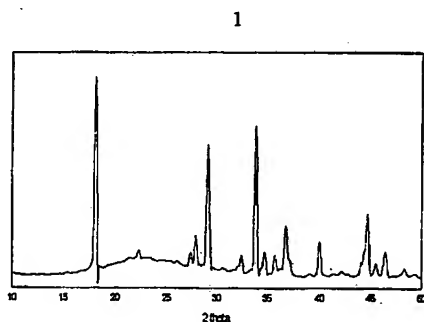
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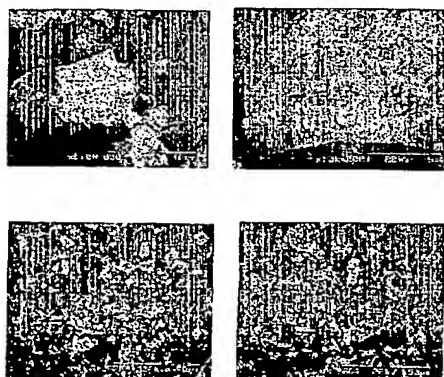
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(54) Title: A PROCESS FOR PRODUCING A POWDER CONSISTING OF SODIUMSESQUICARBONATE AND LAYERED SILICATE



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(57) Abstract: The object of the present invention is to provide a process of producing powder consisting of sodium sesquicarbonate and layered silicate, which includes (a) mixing a sodium silicate aqueous solution with a separately prepared sodium bicarbonate aqueous solution to produce a reaction solution, or mixing sodium silicate, sodium bicarbonate, and water with each other to produce a reaction solution, (b) heating the reaction solution to form slurry, and (c) drying the slurry to produce the powder. The process according to the present invention can simultaneously produce sodium sesquicarbonate and layered silicate easily at high yield. Furthermore, sodium sesquicarbonate contained in powder produced according to the process of the present invention has desirable quality regarding crystalline structure, particle size and density.

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